



Lyle Robert Evans  
Technical Consultant

MEMBER PACER GROUP

ORIGINAL

## PACER TECHNICAL SERVICE, INC.

February 6, 1996

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
1919 M Street, Northwest  
Washington, D.C. 20554

DOCKET FILE COPY ORIGINAL

RECEIVED

FEB - 8 1996

FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

RE: Petition For Rule Making  
UHF TV Channel 25  
Marinette, Wisconsin

Dear Secretary Caton:

Transmitted herewith on behalf of my client, Tri-City Television Company, is a signed original, with five copies, of a Petition For Rulemaking to Amend 47 C.F.R. Section 73.606(B), Table of Allotments, Television Broadcast Stations.

This Petition requests Allotment of UHF Television Channel 25 to the City of Marinette, Wisconsin.

Please direct this material to the Policy and Rules Division of the Mass Media Bureau for processing.

Sincerely,

Lyle R. Evans,  
Technical Consultant to:  
Tri-City Television Co.

LRE:MB

Enclosures: Petition For Rulemaking  
5 copies

No. of Copies rec'd  
LEABOGE

025

NMB

FCC  
SIGNED  
ORIGINAL

RECEIVED

FEB - 8 1996

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF SECRETARY

BEFORE THE  
FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

IN THE MATTER OF: ) MM DOCKET NO:  
AMENDMENT OF SECTION 73.606(B), ) RM  
TABLE OF ALLOTMENTS, )  
TELEVISION BROADCAST STATIONS. )  
(MARINETTE, WISCONSIN )

DOCKET FILE COPY ORIGINAL

TO: CHIEF, ALLOCATIONS BRANCH,  
POLICY AND RULES DIVISION,  
MASS MEDIA BUREAU

PETITION FOR RULE MAKING

Douglas A. Maszka d/b/a Tri-City Television  
Company hereby Petitions the Federal Communications  
Commission in Washington, D.C., to amend the Television  
Table of Allotments, Section 73.606(b) of the Commission's  
Rules and Regulations in the following manner:

| <u>Community:</u> | <u>Existing:</u> | <u>Proposed:</u> |
|-------------------|------------------|------------------|
| Marinette, WI     | None             | Channel 25       |

In support of this PETITION FOR RULE MAKING to  
allot Television Channel 25 to Marinette, Wisconsin,  
Tri-City Television Company, the Petitioner, respectfully  
submits the Engineering Statement prepared by Lyle Robert  
Evans, Technical Consultant, attached hereto as Appendix 1.

Inasmuch as, Marinette, Wisconsin, and vicinity  
residents shall be provided a first local television

transmission service, Tri-City Television Company, the Petitioner, concludes its Proposed Rule Making in the Public Interest.

The requested allotment petitioned by Tri-City Television Company shall provide residents of Marinette, Wisconsin, and adjoining Menominee, Michigan, a vehicle for local visual self expression, truly in the public interest, convenience and necessity.

Marinette, Wisconsin (population 11,843), in Marinette County (population 40,548), per the 1990 Census, is an incorporated City.

The allotment of UHF Television Channel 25 to the City of Marinette, Wisconsin, is full accord with Commission Rules and Regulations, and Assignment policy.

If the Commission goes forward to Amend 47 Code of Federal Regulations §73.606(b), to allot UHF Television Channel 25 to Marinette, Wisconsin, as Petitioned, Tri-City Television Company shall immediately file an Application For Construction Permit For Commercial Broadcast Station (FCC Form 301), to activate UHF Television Channel 25, as allotted at Marinette.

Upon a Commission "Grant" of such a Form 301 Application, Tri-City Television Company shall promptly construct and subsequently license the permitted facility.

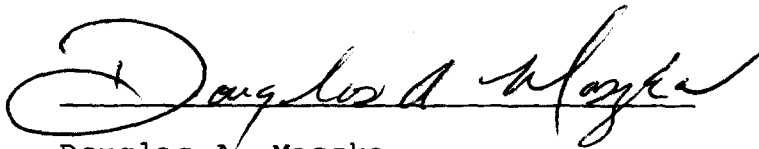
In accord with 47 Code of Federal Regulations

\$1.52, I, Douglas A. Maszka d/b/a Tri-City Television Company, hereby certify I have read this entire document, that to the best of my knowledge, information and belief it is true and correct, that there is good ground to support it, and that it is not interposed for delay.

Respectfully submitted,

TRI-CITY TELEVISION COMPANY

February 5, 1996

A handwritten signature in cursive script, reading "Douglas A. Maszka", written over a horizontal line.

Douglas A. Maszka

Douglas A. Maszka d/b/a  
Tri-City Television Company  
600 Vroman Street  
Green Bay, Wisconsin 54303  
(414) 497-3136

---

PETITION FOR RULE MAKING; CONCLUDED

BEFORE THE  
FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

ENGINEERING STATEMENT

IN THE MATTER OF: ) MM DOCKET NO:  
AMENDMENT OF SECTION 73.606(B), ) RM  
TABLE OF ALLOTMENTS, )  
TELEVISION BROADCAST STATIONS, )  
(MARINETTE, WISCONSIN. )

TO: CHIEF, ALLOCATIONS BRANCH,  
POLICY AND RULES DIVISION,  
MASS MEDIA BUREAU.

PREPARED FOR:  
TRI-CITY TELEVISION COMPANY  
FEBRUARY 2, 1996

PREPARED BY:  
LYLE ROBERT EVANS  
TECHNICAL CONSULTANT  
PACER TECHNICAL SERVICE, INC.  
1750 FREEDOM ROAD  
LITTLE CHUTE, WISCONSIN 54140  
(414) 687-0722

PETITIONER: Tri-City Television Company  
Proposed UHF Ch. 25 Allotment  
Marinette, Wisconsin

TABLE OF CONTENTS

Prepared 02/02/96

TABLE OF CONTENTS

1. AFFIDAVIT OF PREPARER
2. ENGINEERING STATEMENT; Pages 1 thru 5
3. ATTACHMENT A; UHF CHANNEL 25 DISTANCE SEPARATION STUDY  
FCC RM-5811 ORDER  
City of Antigo, Wisconsin, Reference Coordinates
4. ATTACHMENT B; UHF CHANNEL 25 DISTANCE SEPARATION STUDY  
FCC RM-5811 ORDER  
Proposed Restricted Allotment Coordinates
4. ATTACHMENT C; UHF CHANNEL 25 DISTANCE SEPARATION STUDY  
Proposed Restricted Allotment Coordinates

---

ENGINEERING STATEMENT, TABLE OF CONTENTS; CONCLUDED

STATE OF WISCONSIN)  
COUNTY OF OUTAGAMIE)  
VILLAGE OF LITTLE CHUTE)

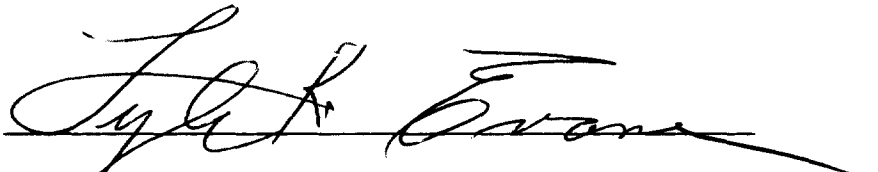
LYLE ROBERT EVANS, BEING FIRST DULY SWORN STATES:

THAT HE IS A ELECTRONIC COMMUNICATIONS TECHNICAL CONSULTANT  
WITH OFFICES AT 1750 FREEDOM ROAD, LITTLE CHUTE, WISCONSIN,  
54140;

THAT HIS QUALIFICATIONS AS AN EXPERT IN ELECTRONIC  
COMMUNICATIONS ENGINEERING ARE A MATTER OF RECORD WITH THE  
FEDERAL COMMUNICATIONS COMMISSION IN WASHINGTON, D.C;

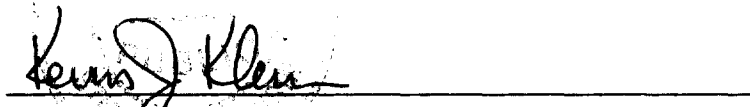
THAT HE HAS PREPARED NUMEROUS AM, FM, MICROWAVE RADIO,  
TELEVISION AND TRANSLATOR APPLICATIONS WHICH HAVE BEEN  
PROCESSED TO GRANT BY THE FEDERAL COMMUNICATIONS COMMISSION;

THAT THE FOREGOING TECHNICAL REPORT WAS PREPARED BY HIM, AND  
ALL CALCULATIONS AND/OR MEASUREMENTS AND EXHIBITS IN THE  
ACCOMPANYING REPORT WERE MADE BY HIM PERSONALLY OR UNDER HIS  
DIRECTION, AND THAT ALL FACTS CONTAINED HEREIN ARE TRUE OF  
HIS PERSONAL KNOWLEDGE OR BELIEF, AND ON SUCH STATEMENTS  
MADE ON BELIEF, THEY ARE BELIEVED TO BE TRUE AND CORRECT.



LYLE ROBERT EVANS, AFFIANT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2ND DAY OF FEBRUARY,  
1996.



KEVIN D. KLEIN, NOTARY PUBLIC

DATE OF COMMISSION EXPIRATION: MARCH 14'TH, 1999.

BEFORE THE  
FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554

IN THE MATTER OF: ) MM DOCKET NO:  
  
AMENDMENT OF SECTION 73.606(B), ) RM  
TABLE OF ALLOTMENTS, )  
TELEVISION BROADCAST STATIONS. )  
(MARINETTE, WISCONSIN )  
  
TO: CHIEF, ALLOCATIONS BRANCH,  
POLICY AND RULES DIVISION,  
MASS MEDIA BUREAU

ENGINEERING STATEMENT

This Engineering Statement concerns the above captioned Petition For Rule Making, to which this Statement is Appendix 1.

Tri-City Television Company, the Petitioner, retained the services of Lyle Robert Evans, technical consultant, to conduct engineering studies and prepare necessary Statements and Attachments to support the Petition For Rule Making of Tri-City Television Company to amend 47 Code of Federal Regulations §73.606(b), Table of Allotments, Television Broadcast Stations, to allot UHF Television Channel 25 to the City of Marinette, Wisconsin, as that community's first television transmission service.

The City of Marinette, Wisconsin, reference Geographic Coordinates, specified in the National Atlas of



MARINETTE, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.606(b); TELEVISION TABLE OF ALLOTMENTS  
UHF TELEVISION CHANNEL 25; 536.0 - 542.0 MHZ.  
PETITIONER: TRI-CITY TELEVISION COMPANY

the United States of America, published by the United States  
Department of the Interior Geological Survey, are:

45°-05'-54" North Latitude, 87°-38'-12" West Longitude.

Allotment of UHF Television Channel 25 to  
Marinette, Wisconsin, falls under restrictions defined by an  
ORDER in RM-5811, dated July 16, 1987, by which the  
Commission imposed a temporary "Freeze" in certain  
metropolitan areas.

Attachment "E-A" to this Statement sets forth the  
five closest major cities defined in RM-5811, with their  
reference coordinates and required co-channel separation  
distance, and actual distance in kilometers, with bearing in  
degrees True, from the City of Marinette, Wisconsin,  
Geographic Reference Coordinates.

This attachment displays a "Short-Spacing" to the  
City of Milwaukee, Wisconsin, Reference Coordinates in  
contravention with current Commission allotment policy.

To allot UHF Television Channel 25 to Marinette,  
Wisconsin, it is necessary to restrict the allotment  
location 18.89 kilometers distant, at a bearing of 00.0  
degrees True, to geographic coordinates 45°-16'-06" North  
Latitude, 89°-38'-12" West Longitude.

MARINETTE, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.606(b); TELEVISION TABLE OF ALLOTMENTS  
UHF TELEVISION CHANNEL 25; 536.0 - 542.0 MHZ.  
PETITIONER: TRI-CITY TELEVISION COMPANY

Attachment "E-B" to this Statement evidences allotment of UHF Television Channel 25 to Marinette, Wisconsin, at the specified restricted allotment geographic coordinates, does not fall under any restrictions defined by the Commission ORDER in RM-5811, dated July 16, 1987.

Attachment "E-C" to this Statement is a Television Channel 25 Distance Separation Study with the Marinette, Wisconsin, specified restricted allotment coordinates as base, displays the allotment of UHF Television Channel 25 to Marinette, Wisconsin, in complete compliance with all applicable minimum distance separation requirements set forth in 47 Code of Federal Regulations, §73.610.

The most distant point on the Marinette, Wisconsin, Corporate Boundary ("City-Limits") from the UHF Television Channel 25 proposed restricted allotment coordinates was located on United States Geological Survey 7.5 Minute Series (Topographic) Map, titled: Marinette East Quadrangle, Wisconsin-Michigan (dated 1963) Photorevised 1976.

The geographic coordinates of this point determined as: 45°-04'-15" North Latitude, 87°-36'-44" West Longitude, and distance and bearing calculated to be 22.03

MARINETTE, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.606(b); TELEVISION TABLE OF ALLOTMENTS  
UHF TELEVISION CHANNEL 25; 536.0 - 542.0 MHZ.  
PETITIONER: TRI-CITY TELEVISION COMPANY

kilometers (13.69 miles) at 175.0 degrees True.

The F(50,50) 80.0 dBu (10.0 mV/m) predicted  
"Principal Community Contour" of a minimal Channel 25  
operation radiating 500.0 kilowatts from an antenna  
radiation center height of 150.0 meters extends a distance  
of 31.50 kilometers.

Many excellent transmitter sites exist from which  
the requisite "Principal Community" coverage can be provided  
to the entire City of Marinette, Wisconsin.

#### CONCLUSION

Allotment of UHF Television Channel 25 to  
Marinette, Wisconsin, can be accomplished with no channel  
substitutions.

No multiple community "tinkering with the table"  
is required to allotment of Channel 25 at Marinette.

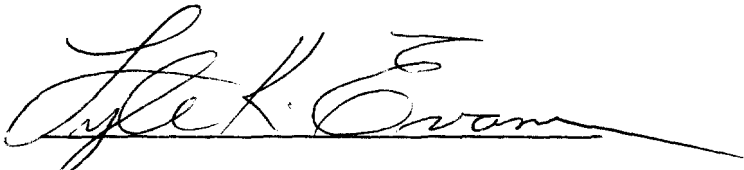
There is no effect on any assignment, application  
or allotment within the "temporary freeze zone" on new  
allotments or applications. See Notice of Inquiry, 2  
FCC Rcd 2125 (1987) and Order, 52 FR 28346, July 29, 1987.

Tri-City Television Company's proposed Amendment  
of 47 Code of Federal Regulations, §73.606(b), Table of

MARINETTE, WISCONSIN  
PROPOSED RULE MAKING  
AMENDMENT OF 47 C.F.R. §73.606(b); TELEVISION TABLE OF ALLOTMENTS  
UHF TELEVISION CHANNEL 25; 536.0 - 542.0 MHZ.  
PETITIONER: TRI-CITY TELEVISION COMPANY

Allotments, Television Broadcast Stations, shall provide  
residents of the "Twin Cities" of Marinette, Wisconsin, and  
Menominee, Michigan, with a first local television  
transmission service.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Lyle R. Evans", written over a horizontal line.

Lyle Robert Evans  
Technical Consultant to:  
Tri-City Television Company

February 2, 1996

Lyle Robert Evans  
Technical Consultant  
Pacer Technical Service, Inc.  
1750 Freedom Road  
Little Chute, Wisconsin 54140  
(414) 687-0722

---

ENGINEERING STATEMENT; CONCLUDED

TELEVISION CHANNEL 25 DISTANCE SEPARATION STUDY

LOCATION: MARINETTE, WISCONSIN  
SERVICE: COMMERCIAL TELEVISION  
CHANNEL: 25  
FREQUENCY: 536.0 - 542.0 MEGAHERTZ  
ZONE: II  
CLASS: FULL POWER  
COORDINATES: 45°-05'-54" N.L., 87°-38'-12" W.L. (CITY REFERENCE COORDINATES)  
PETITIONER: TRI-CITY TELEVISION COMPANY  
DATE: FEBRUARY 2, 1996

| CITY<br>STATE     | CHAN<br>ZONE | LATITUDE<br>LONGITUDE | BEAR.<br>(DEG.) | DIST.<br>(KM.)   | REQ.<br>(KM.)   |
|-------------------|--------------|-----------------------|-----------------|------------------|-----------------|
| MILWAUKEE<br>WI   | I            | 43-02-19<br>87-54-15  | 185.4           | 229.81<br>-18.79 | 248.6<br>SHORT* |
| CHICAGO<br>IL     | I            | 41-52-28<br>87-38-22  | 176.6           | 358.74<br>110.14 | 248.6<br>CLEAR  |
| SAINT PAUL<br>MN  | II           | 44-56-50<br>93-05-11  | 267.6           | 408.48<br>127.68 | 280.8<br>CLEAR  |
| MINNEAPOLIS<br>MN | II           | 44-58-57<br>93-15-43  | 268.3           | 422.03<br>141.23 | 280.8<br>CLEAR  |
| DETROIT<br>MI     | I            | 42-19-48<br>83-02-57  | 128.2           | 497.44<br>248.84 | 248.6<br>CLEAR  |

===== END TV CHANNEL 25 STUDY =====

NOTE: An allotment of UHF Television Channel 25 to Marinette, Wisconsin, at the City of Marinette Geographic Reference Coordinates falls under restrictions defined in an FCC "ORDER" in RM-5811, released July 16, 1987.

ENGINEERING STATEMENT, ATTACHMENT E-A; CONCLUDED

ATTACHMENT E-B

PAGE 1 OF 1

TELEVISION CHANNEL 25 DISTANCE SEPARATION STUDY

LOCATION: MARINETTE, WISCONSIN  
SERVICE: COMMERCIAL TELEVISION  
CHANNEL: 25  
FREQUENCY: 536.0 - 542.0 MEGAHERTZ  
ZONE: II  
CLASS: FULL POWER  
COORDINATES: 45°-16'-06" N.L., 87°-38'-12" W.L. (RESTRICTED COORDINATES)  
PETITIONER: TRI-CITY TELEVISION COMPANY  
DATE: FEBRUARY 2, 1996

| CITY<br>STATE     | CHAN<br>ZONE | LATITUDE<br>LONGITUDE | BEAR.<br>(DEG.) | DIST.<br>(KM.)   | REQ.<br>(KM.)  |
|-------------------|--------------|-----------------------|-----------------|------------------|----------------|
| MILWAUKEE<br>WI   | I            | 43-02-19<br>87-54-15  | 184.9           | 248.62<br>0.02   | 248.6<br>CLEAR |
| CHICAGO<br>IL     | I            | 41-52-28<br>87-38-22  | 180.0           | 377.99<br>128.39 | 248.6<br>CLEAR |
| SAINT PAUL<br>MN  | II           | 44-56-50<br>93-05-11  | 265.2           | 430.05<br>149.25 | 280.8<br>CLEAR |
| MINNEAPOLIS<br>MN | II           | 44-58-57<br>93-15-43  | 265.9           | 443.37<br>162.57 | 280.8<br>CLEAR |
| DETROIT<br>MI     | I            | 42-19-48<br>83-02-57  | 131.5           | 492.59<br>243.99 | 248.6<br>CLEAR |

===== END TV CHANNEL 25 STUDY =====

NOTE: An allotment of UHF Television Channel 25 to Marinette, Wisconsin, at the restricted geographic coordinates set forth above does not fall under any restrictions defined in an FCC "ORDER" in RM-5811, released July 16, 1987.

ENGINEERING STATEMENT, ATTACHMENT E-B; CONCLUDED

TELEVISION CHANNEL 25 DISTANCE SEPARATION STUDY

LOCATION: MARINETTE, WISCONSIN  
 SERVICE: COMMERCIAL TELEVISION  
 CHANNEL: 25  
 FREQUENCY: 536.0 - 542.0 MEGAHERTZ  
 ZONE: II  
 CLASS: FULL POWER  
 COORDINATES: 45°-16'-06" N.L., 87°-38'-12" W.L. (RESTRICTED COORDINATES)  
 PETITIONER: TRI-CITIES TELEVISION COMPANY  
 DATE: JANUARY 22, 1996

| CALL<br>STATUS  | CITY<br>STATE       | FCC FILE       | CHAN<br>ZONE  | ERP<br>(KW) | HAAT<br>HMSL | LATITUDE<br>LONGITUDE | BEAR.<br>(DEG.) | DIST.<br>(KM.)   | REQ.<br>(KM.)  |
|-----------------|---------------------|----------------|---------------|-------------|--------------|-----------------------|-----------------|------------------|----------------|
| VACANT<br>ALLOT | IRON MOUNTAIN<br>MI | MM DOC-79-98KF | *17 (+)<br>II |             |              | 45-49-12<br>88-04-31  | 330.8           | 70.21<br>38.81   | 31.4<br>CLEAR  |
| WVTV<br>LIC     | MILWAUKEE<br>WI     | BLCT-870804KE  | 18 (-)<br>I   | 5000<br>DA  | 307<br>324   | 43-05-48<br>87-54-19  | 185.1           | 242.20<br>146.50 | 95.7<br>CLEAR  |
| WHRM-TV<br>LIC  | WAUSAU<br>WI        | BLET-910802KE  | *20 (+)<br>II | 1437        | 300<br>690   | 44-55-14<br>89-41-31  | 256.6           | 166.22<br>134.82 | 31.4<br>CLEAR  |
| WCMW<br>LIC     | MANISTEE<br>WI      | BMLET-920501KF | *21 (0)<br>II | 224<br>DA   | 104<br>304   | 44-03-57<br>86-19-58  | 142.3           | 168.89<br>137.49 | 31.4<br>CLEAR  |
| VACANT<br>ALLOT | CALUMET<br>MI       |                | *22 (-)<br>II |             |              | 47-14-12<br>90-10-24  | 318.2           | 293.33<br>261.93 | 31.4<br>CLEAR  |
| VACANT<br>ALLOC | PETOSKY<br>MI       | MM DOC-84-503  | *23 (+)<br>II |             |              | 45-22-18<br>84-57-18  | 86.9            | 210.41<br>179.01 | 31.4<br>CLEAR  |
| VACANT<br>ALLOT | IRONWOOD<br>MI      |                | 24 (+)<br>II  |             |              | 46-27-19<br>90-10-11  | 303.9           | 236.70<br>149.00 | 87.7<br>CLEAR  |
| WLAX<br>ALLOT   | LA CROSSE<br>WI     | BLCT-901115KG  | 25 (0)<br>II  | 562<br>DA   | 306<br>570   | 43-48-16<br>91-22-18  | 241.3           | 338.30<br>57.50  | 280.8<br>CLEAR |
| VACANT<br>ALLOT | THUNDER BAY<br>ON   |                | 25 (-)<br>II  |             |              | 48-23-00<br>89-15-00  | 340.4           | 367.40<br>86.60  | 280.8<br>CLEAR |
| WGBA<br>LIC     | GREEN BAY<br>WI     | BLCT-841018KK  | 26 (+)<br>II  | 2510<br>DA  | 360<br>599   | 44-21-30<br>87-58 48  | 195.0           | 104.68<br>16.98  | 87.7<br>CLEAR  |

THIS PORTION OF THIS PAGE INTENTIONALLY BLANK.

TELEVISION CHANNEL 25 DISTANCE SEPARATION STUDY

LOCATION: MARINETTE, WISCONSIN  
 SERVICE: COMMERCIAL TELEVISION  
 CHANNEL: 25  
 FREQUENCY: 536.0 - 542.0 MEGAHERTZ  
 ZONE: II  
 CLASS: FULL POWER  
 COORDINATES: 45°-16'-06" N.L., 87°-38'-12" W.L. (RESTRICTED COORDINATES)  
 PETITIONER: TRI-CITIES TELEVISION COMPANY  
 DATE: JANUARY 22, 1996

| CALL<br>STATUS  | CITY<br>STATE       | FCC FILE      | CHAN<br>ZONE  | ERP<br>(KW) | HAAT<br>HAMSL | LATITUDE<br>LONGITUDE | BEAR.<br>(DEG.) | DIST.<br>(KM.)   | REQ.<br>(KM.)  |
|-----------------|---------------------|---------------|---------------|-------------|---------------|-----------------------|-----------------|------------------|----------------|
| WCMV<br>LIC     | CADILLAC<br>MI      | BLET-841002KF | *27 (0)<br>II | 275         | 180<br>580    | 44-08-22<br>85-20-28  | 124.6           | 220.86<br>189.46 | 31.4<br>CLEAR  |
| VACANT<br>ALLOT | SHEBOYGAN<br>WI     |               | 28 (0)<br>II  |             |               | 43-45-03<br>87-42-52  | 182.1           | 168.70<br>137.30 | 31.4<br>CLEAR  |
| WGTU<br>LIC     | TRAVERSE CITY<br>WI | BLCT-901206KE | 29 (-)<br>II  | 2000        | 399<br>747    | 44-44-54<br>85-04-08  | 105.9           | 210.37<br>178.97 | 31.4<br>CLEAR  |
| VACANT<br>ALLOT | THUNDER BAY<br>ON   |               | 31 (-)<br>II  |             |               | 48-23-00<br>89-15-00  | 142.3           | 367.40<br>336.00 | 31.4<br>CLEAR  |
| WACY<br>LIC     | APPLETON<br>WI      | BLCT-840322KE | 32 (+)<br>II  | 1070        | 363<br>601    | 44-21-32<br>87-58-58  | 133.5           | 127.37<br>31.67  | 95.7<br>CLEAR  |
| WACY<br>CP      | APPLETON<br>WI      | BPCT-931012KE | 32 (+)<br>II  | 1050        | 336<br>580    | 44-21-30<br>87-58-48  | 133.5           | 127.53<br>31.83  | 95.7<br>CLEAR  |
| VACANT<br>ALLOT | WAUSAU<br>WI        |               | 33 (-)<br>II  |             |               | 44-57-30<br>89-37-40  | 257.6           | 99.63<br>68.23   | 31.4<br>CLEAR  |
| VACANT<br>ALLOT | MARSHFIELD<br>WI    |               | 39 (-)<br>II  |             |               | 44-39-09<br>90-10-24  | 251.1           | 211.38<br>115.68 | 95.7<br>CLEAR  |
| VACANT<br>ALLOT | SUPERIOR<br>WI      |               | 40 (0)<br>II  |             |               | 46-43-14<br>92-06-07  | 295.0           | 381.47<br>261.57 | 119.9<br>CLEAR |

===== END TV CHANNEL 25 DISTANCE SEPARATION STUDY =====

ENGINEERING STATEMENT, ATTACHMENT E-C; CONCLUDED